

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Ivan N. Rich Attorney Docket No.: 6115-002  
SERIAL NO.: 10/645,007 EXAMINER: Gailene Gabel  
FILING DATE: August 21, 2003 Group Art Unit: 1641  
TITLE: High-Throughput Stem Cell Assay Customer No.: 29,335  
of Hematopoietic Stem and Progenitor  
Cell Proliferation

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**CERTIFICATE OF ELECTRONIC FILING**

I hereby certify that this document (along with any referred to as being attached or enclosed) is being electronically filed on 10/23/2006 addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Sue Cotugno

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**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

Dear Sir:

In response to the Office Action mail dated June 22, 2006:

**Claims list** begin on page 2 of this paper

**Remarks** begin on page 12 of this paper.